

Notice of Allowability

Application No.

10/618,564

Applicant(s)

DI GREGORIO, LUIGI

Examiner

Connie C. Yoha

Art Unit

2827

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/14/07.
2. ☒ The allowed claim(s) is/are 3, 7, 8, 12-14, 16-17 and 21-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


CONNIE C. YOHA
PRIMARY EXAMINER


DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert C. Colwell on 5/25/07.

2. The application has been amended as follows:

- A. With regard to claim 25, line 9-10, add text – **read**— between the texts local and bit Lines (i.e., the phrase should be: "second local **read** bit line")
- B.  Cancel claim 18.

Response to Arguments

3. Examiner took notice of the remarks and amendments made by applicant filed on 5/14/07.

Response to Amendment

4. This office action is in response to Amendment filed on 5/14/07.

Claim 3, 7, 12-14, 16-18, 21-23 are amended.

Claims 1, 2, 4-6, 9-11, 15, and 19-20 are canceled.

Claim 18 is canceled by examiner amendment.

Claims 24-26 are newly added.

5. Claims 3, 7-8, 12-14, 16-17, and 21-26 are pending.

Allowable Subject Matter

6. Claims 3, 7-8, 12-14, 16-17, and 21-26 are allowed.

7. Claims 3, 7-8, 12-14, 16-17, and 21-26 are considered allowable since prior art made of record and considered pertinent to the applicant's disclosure does not teach or suggest the claimed limitations having in combination with other features including the interconnection of a first and a second NAND gates coupled a first and second read bit lines, respectively and also to a first and a second global bit lines respectively and a third NAND gate having a first input coupled to the first global bit line and a second input coupled to the second global bit line.

Prior art made of record and considered pertinent to the applicant's disclosure also does not teach or suggest the claimed limitations having in combination with other features including the interconnection of a first and a second local read bit lines with respective to the first and second global bit line to a first and second logic gates; and an inverter circuit coupled to the first global bit line; and a third transistor coupled to the inverter circuit and the second global bit line.

Prior art made of record and considered pertinent to the applicant's disclosure also does not teach or suggest the claimed limitations having in combination with other method steps including the method of transmitting the signal indicative of the first bit from the first global bit line to the second global bit line through a repeater circuit.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to whose telephone number is (571) 272-1799. The examiner can normally be reached on Mon. - Fri. from 8:00 A.M. to 5:30 PM. The examiner's supervisor, Amir Zarabian, can be reached at (571) 272-1852. The fax phone number for this Group is (571) 273-8300.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov> should you have questions on access to the Private Pair system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


C. Yoha

May 2007



Connie C. Yoha

AU 2827

CONNIE C. YOH
PRIMARY EXAMINER